Boston E Lab
Energy Environment Essencial

FINETECHNIX LED FLAT PANEL

50WATT, 2' X 2' 100~277V, DIMMABLE

10 to 100% dimming

Our supplied wall dimmer works under 100~250VAC input

0-10 DIMMING USER MANUAL

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Description

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Key Highlights

1. DLC approved (Utility Rebate qualified Product)
2. 4170lm

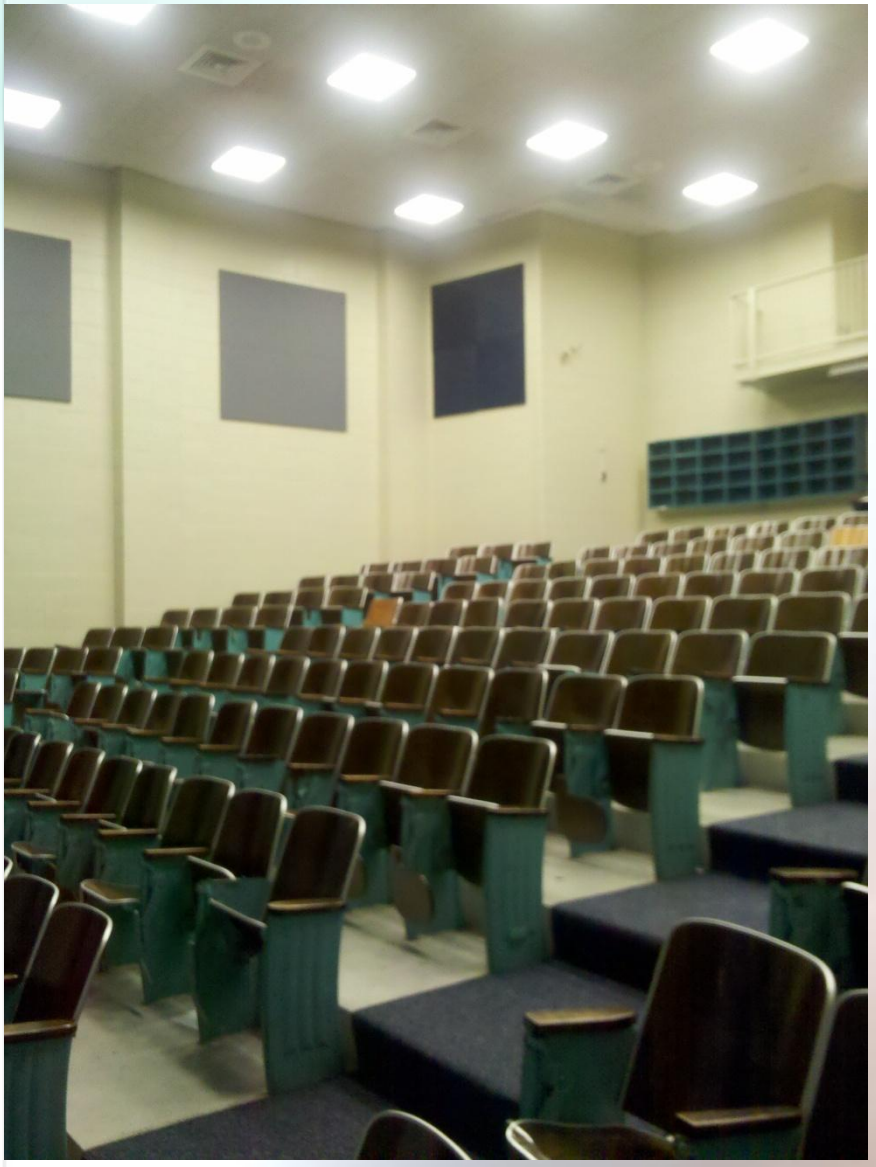
   Approximately 1000lumen higher than competitor product
3. May replace 4 tube T-8 (2f x 4f fixture)
4. No frame assembly needed
5. Operate with AC100~277V
6. Dimmable: Down to 10% (smooth linear dimming)
7. Can connect up to 20 panels onto 1 wall dimmer
8. Type: Ceiling recess type and direct mounting type
9. Limited Warranty: Replacement Parts

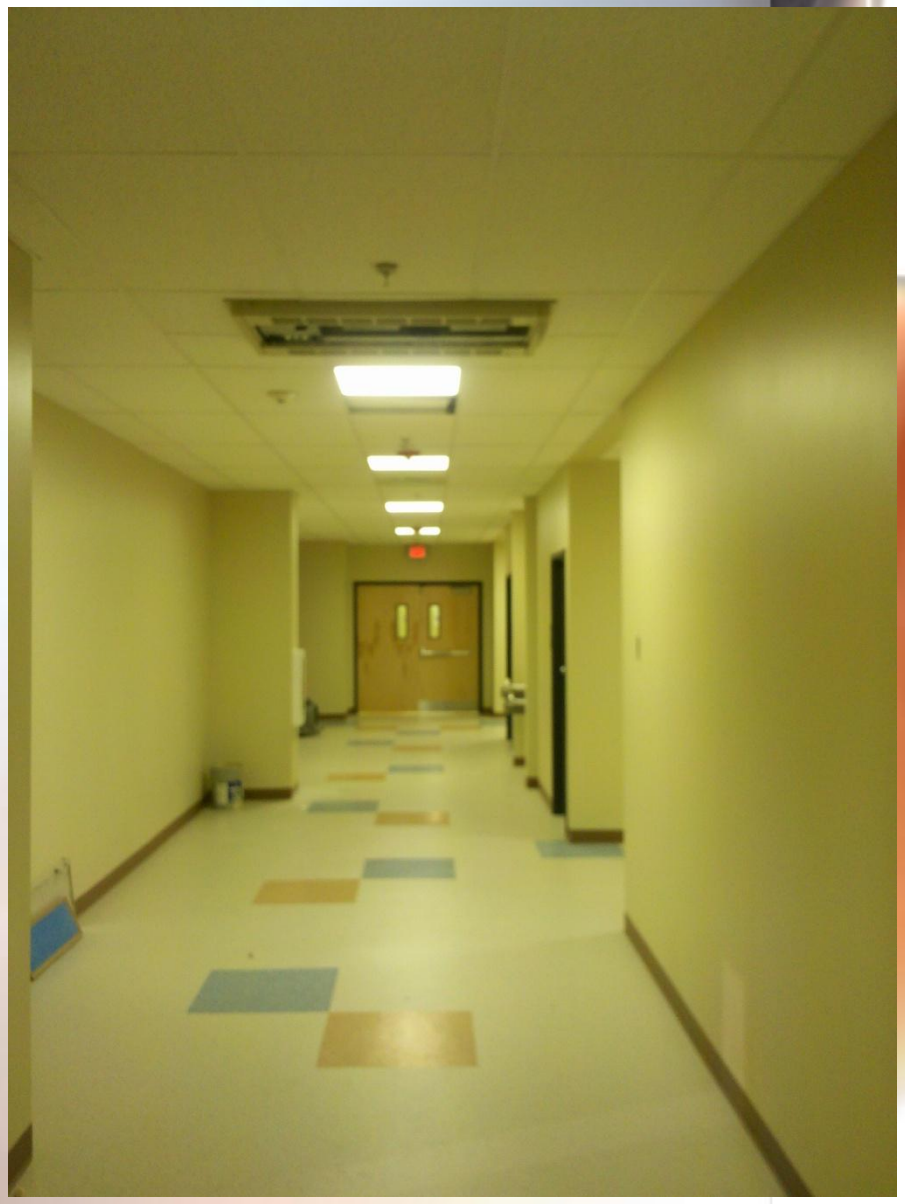
   5 Year UNRC (Under Normal Running Conditions)
10. Technical support and Warranty Services

    Boston E Lab, Inc located in Massachusetts.

    781.369.1556, 781.775.0081) info@bostonelab.com

Example Installation Photo





DESCRIPTION

Models : FS50VT8-P3C01, FS50VT8-W2C01

Construction : A high performance LED flat panel designed for installation in drop ceilings(T-bar); typically used to replace standard 2'x2' and 2' x4' fluorescent fixtures. The profile is slim, only 1.6inches deep including the junction box, making it ideal for low depth ceiling cavities.

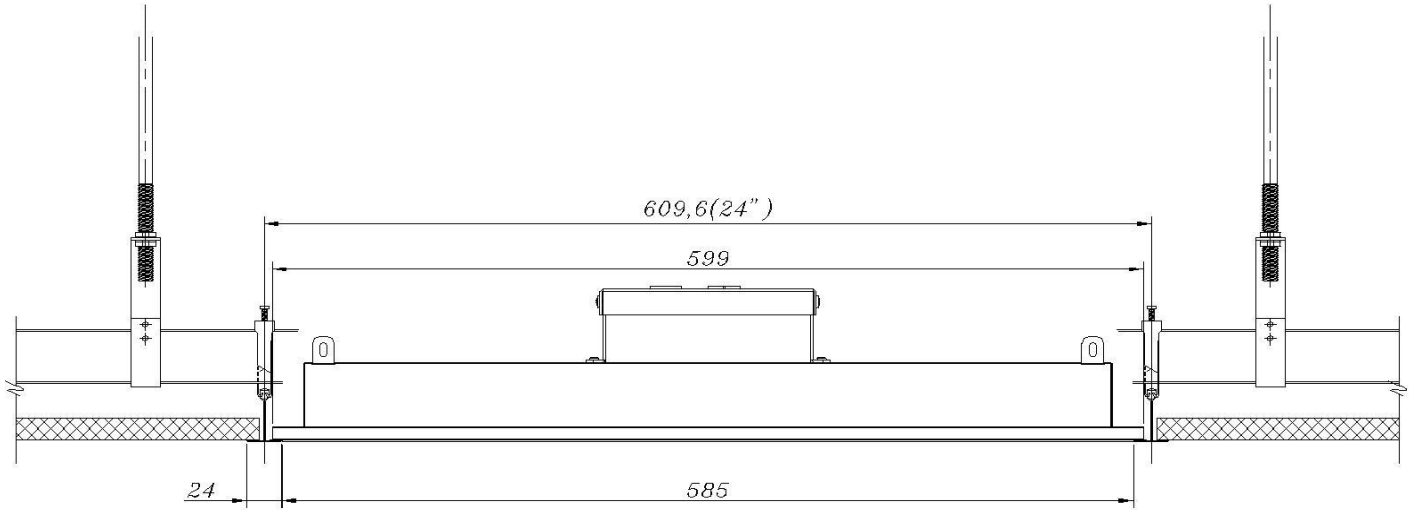
On/Off : Panels can operate independently, or can be daisy chained together to work with standard on/off wall switches.

Dimming : Panels are fully dimmable with a Finetechnix 0-10V wall dimmer.

Linking : Up to 20 panels can be linked together.

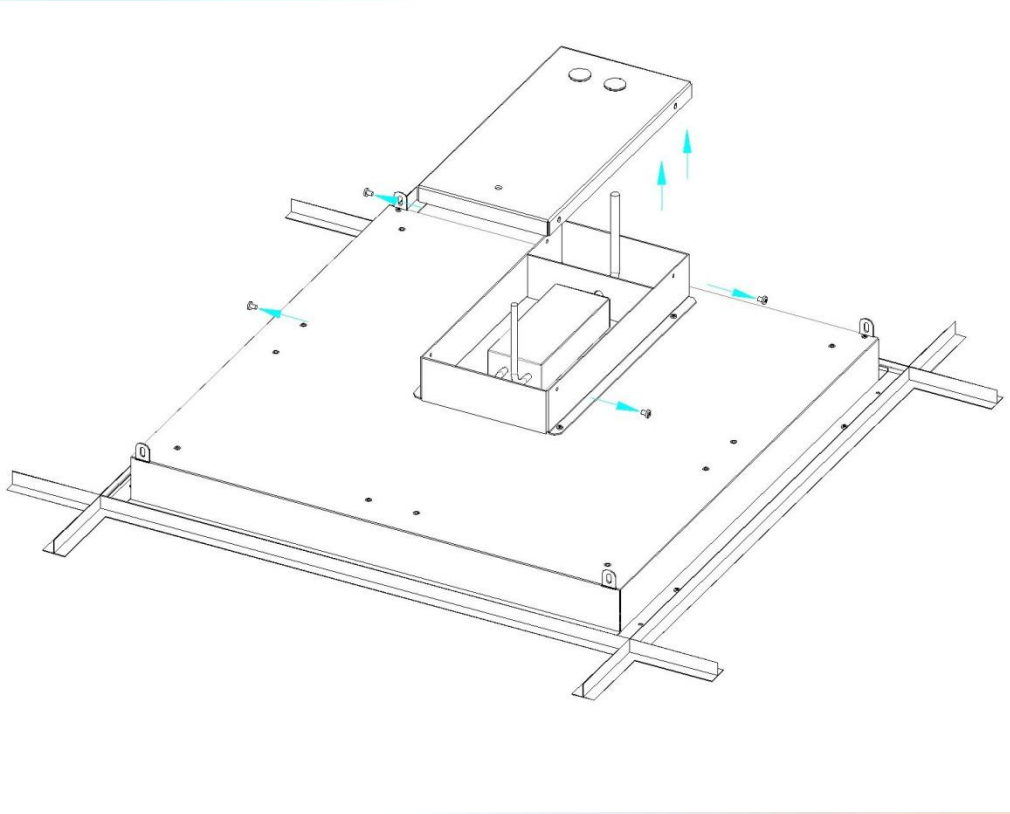
INSTALL (Recess Type)

Panel Light Installation: T-Bar Ceiling Structure



INSTALL

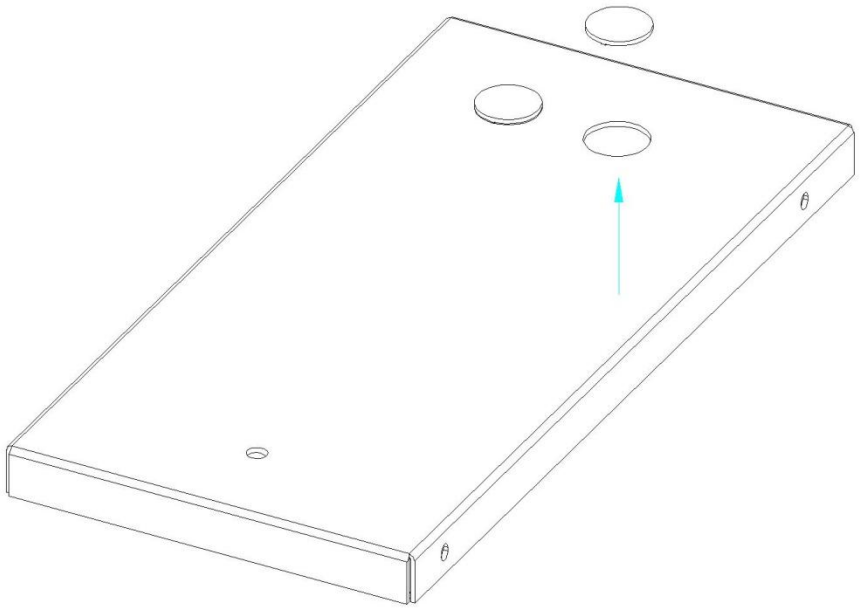
STEP 1



Disassemble junction box with its cover using tools by loosening 4 bolts.

INSTALL

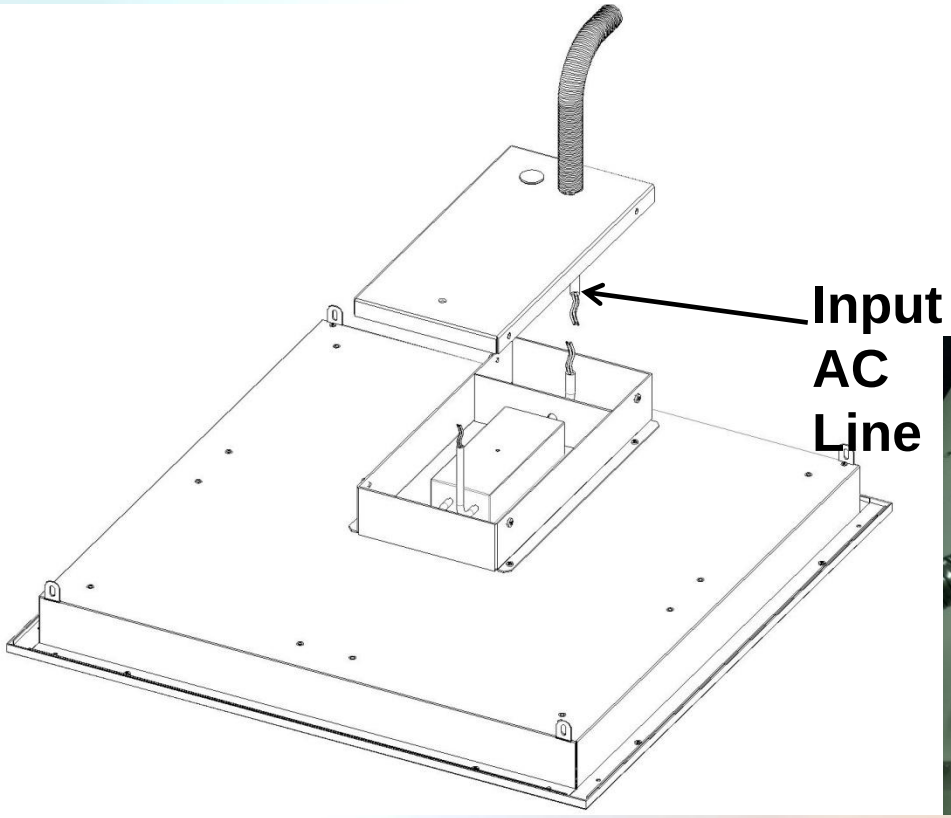
STEP 2



Remove Knock-out hole using equipment.

INSTALL

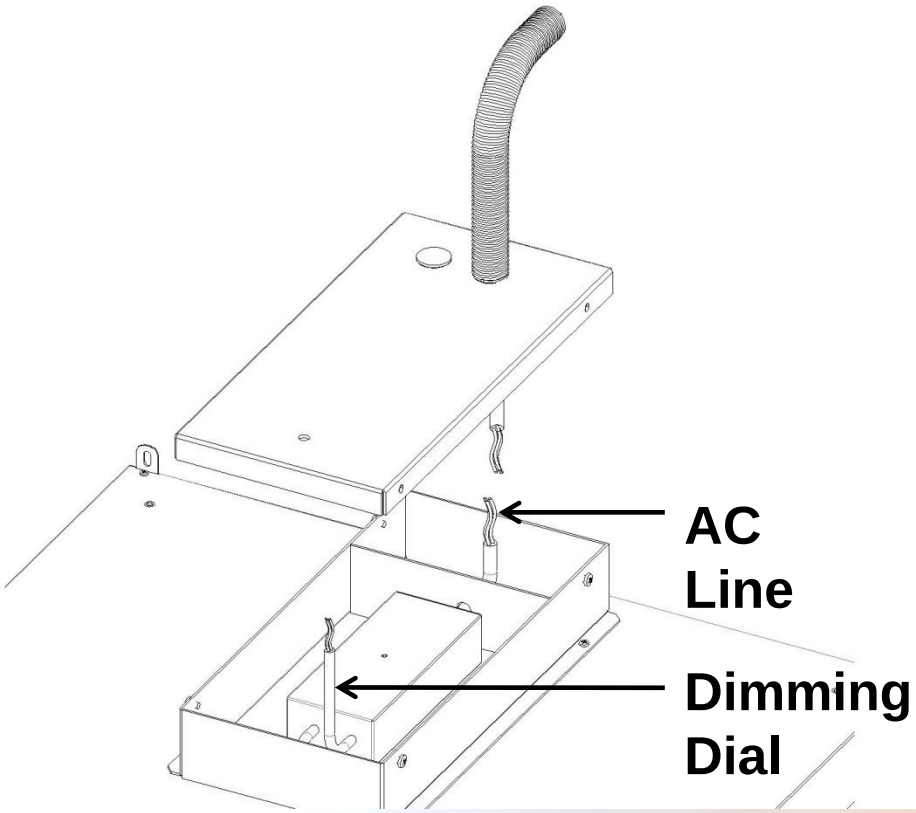
STEP 3



Fix the flexible tube or harness through Knock-out hole.

INSTALL

STEP 4



1-1. For General Use, Connect AC wire from the lighting module with AC Line of the SMPS

FEATURES (Wall Dimmer)

0-10 Wall Dimmer

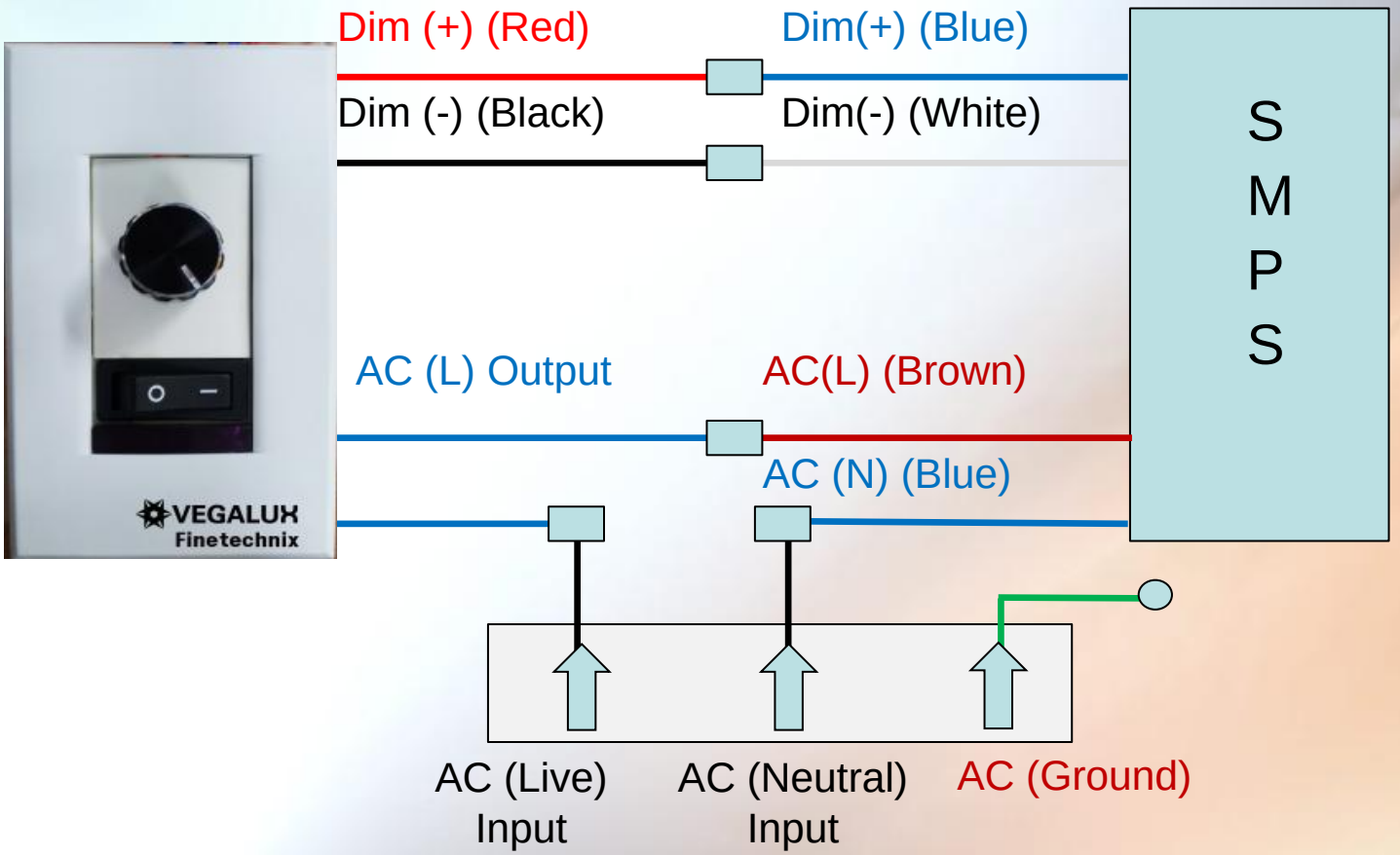
AC in – Blue

0-10V Output
Dim(+) – Red
Dim(-) - Black

Dimming Dial

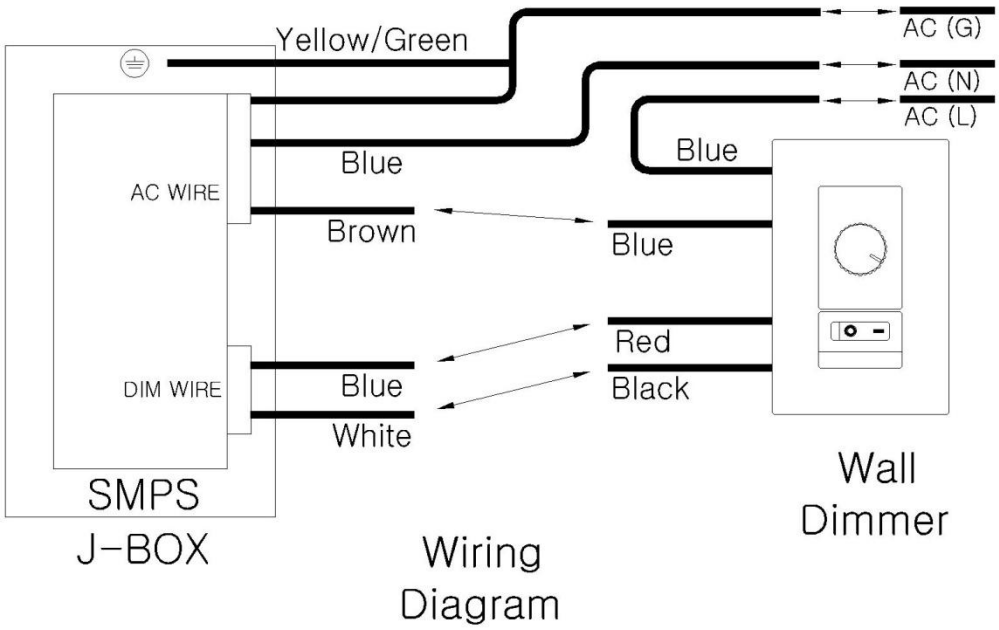
Power On/Off

SET-UP FOR LINKING PANELS



INSTALL

STEP 5

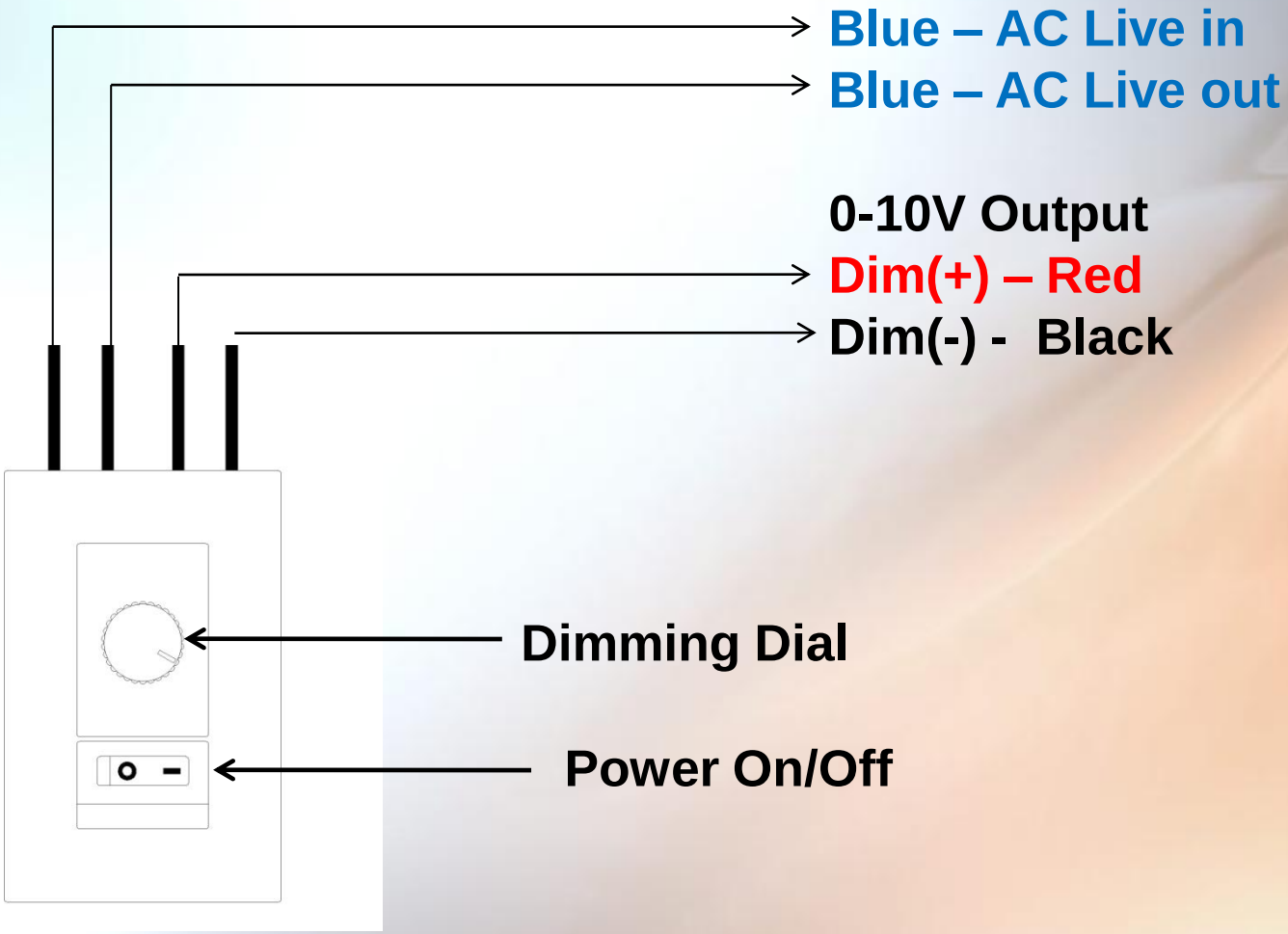


Wiring Diagram

1-2. For use dimming function, refer to the following diagrams and pictures,

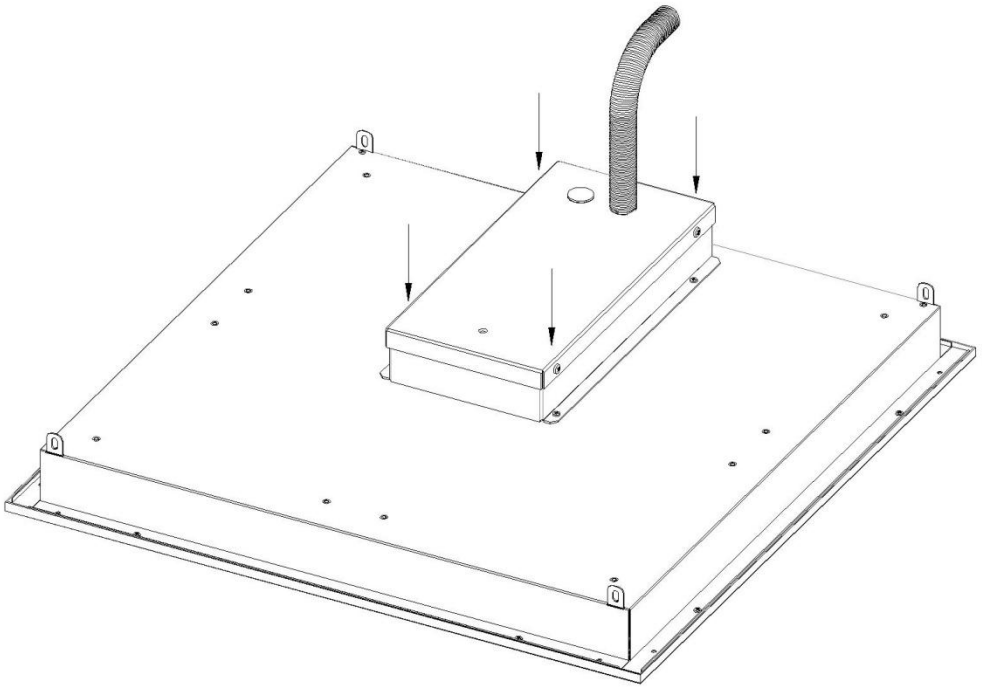
INSTALL

STEP 6 (0-10 Wall Dimmer)



INSTALL

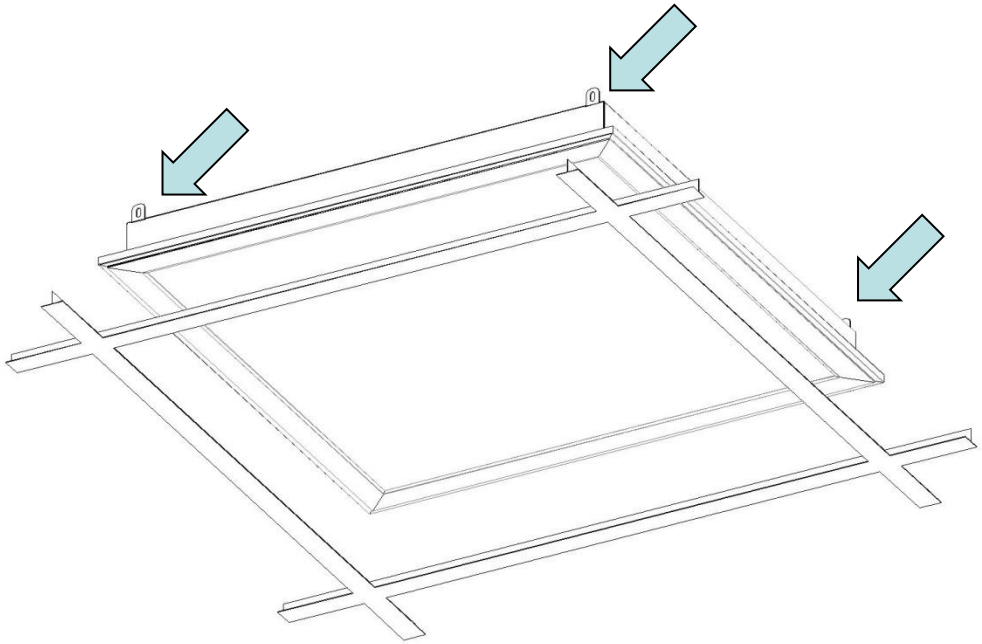
STEP 7



Re-assemble the SMPS cover on to SMPS box base.

INSTALL

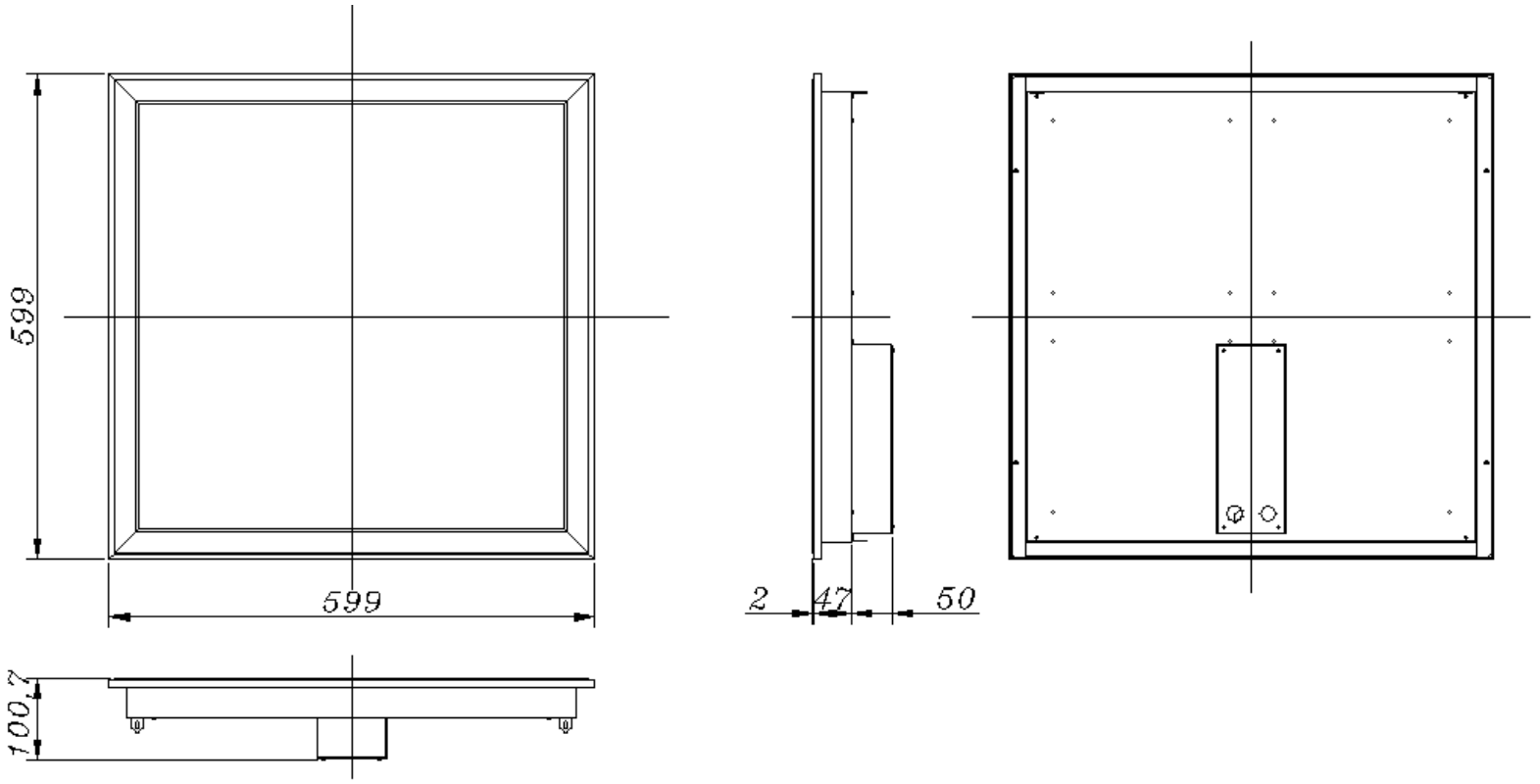
STEP 8. Safety Wire Hangers:



Prevent from falling with Safety Wire post recess panel and prior to connect wire.

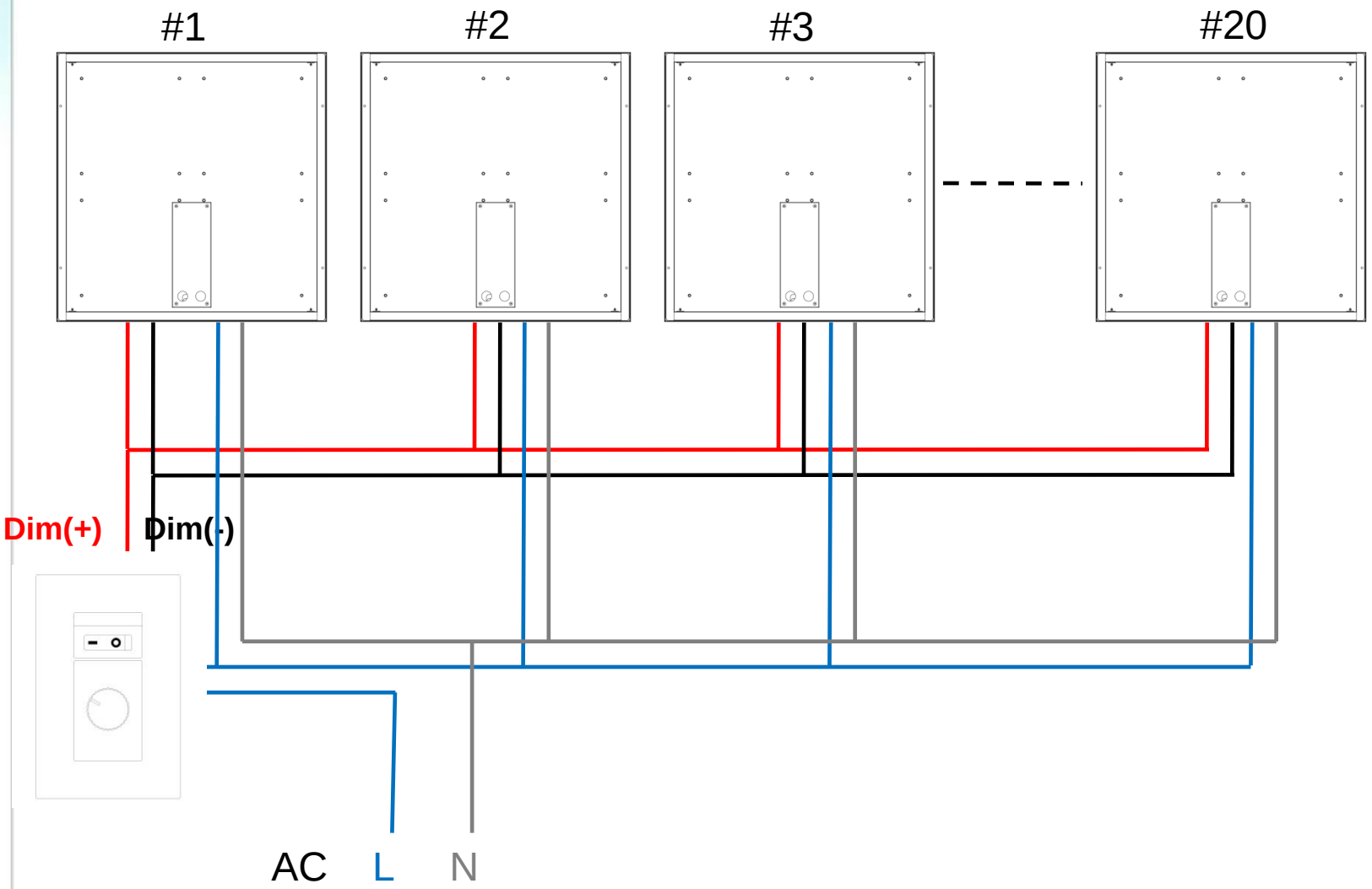
LAY-OUT

Outline Dimension



SET-UP FOR LINKING PANELS

Continue this for each additional panel up to 20pcs



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